

**Amendments to the Specification:**

Please add the following paragraph after the paragraph that begins on page 12, at line 7:

In some embodiments according to the invention, a method for reducing occurrence of fibrillation of a heart can be provided as illustrated in Figure 6. According to Figure 6, the occurrence of fibrillation in a heart can be reduced by inducing fibrillation of the heart (block 605) and determining a location of the fastest activating region by any of the techniques described above. For example, the fastest activating region can be identified by determining a monophasic activation potential reading associated with the fibrillating heart, by determining a refractory period associated with the heart using premature stimulation, or by determining a power spectrum analysis to provide a spectrum with a peak power at a highest frequency (block 610).

A premature contraction of the heart can be detected over a plurality of heartbeats, each which is characterized by nonsustained tachycardia (block 615). Once the premature contraction is detected, an electric stimulus can be applied to the fastest activating region identified above in reference to blocks 605 and 610 (block 620).

Please add the following paragraph on page 3, at line 15:

Figure 6 is flowchart that illustrates reducing an occurrence of fibrillation in a heart in some embodiments according to the present invention.